

## PORTABLE BATTERY CHARGING AND AUDIO UNIT

### Abstract of the Disclosure

An audio power unit is disclosed which provides an audio output and charges removable battery packs as well as providing a number of AC receptacles for powering other tools and the like when the unit is connected to a source of AC power. The unit can optionally also provide DC power. When the unit is connected to a source of AC power, the AC power drives the audio unit which may be a radio or a combination radio and CD player and the AC source also powers a charger which recharges a battery pack if a battery pack is inserted into the charger receptacle. If the unit is not connected to a source of AC power, the radio may be powered by a battery pack when it is placed in the charger receptacle. When the unit is connected to a source of AC power, a relay is opened to isolate the radio unit from the charger and battery pack. The unit has a unique protective frame structure that is connected to the housing of the unit.